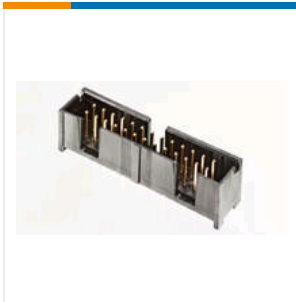




# RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## IDC LOW PRO HDR 34P VERT BLUE

AMP-LATCH | Low Profile Headers

3-1761603-1

TE Internal Number: 3-1761603-1  
Alias ID: CF4306-000, PER-3-1761603-1

Always EU RoHS/ELV Compliant

Centerline **2.54 mm [ .1 in ]**

PCB Mount Retention **Without**

PCB Mounting Orientation **Vertical**

Termination Method to PC Board **Through Hole**

Shrouded **Yes**

### Product Drawings

[HEADER ASSEMBLY, VERTICAL, LOW PROFILE, IDC](#)

PDF  
English

### CAD Files

[3D PDF](#)

PDF  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

### Product Specifications

Product Specification

[AMP-LATCH And IDC Header Connectors, .100 X .100 Inch Grid](#)

PDF  
English

Qualification Test Report

[Connector, AMP-LATCH Header, .100 X .100 Inch Grid](#)

PDF  
English

### Product Environmental Compliance

TE Material Declaration

[MD\\_3-1761603-1\\_07072014922\\_dmtec](#)

PDF  
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	PCB Mounting Orientation	<b>Vertical</b>
	Shrouded	<b>Yes</b>
	Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
	Connector Style	<b>Plug</b>
	Profile	<b>Low</b>
	Applies To	<b>Printed Circuit Board</b>
	Product Type	<b>Connector</b>
	Board Standoff	<b>Without</b>
	Connector Type	<b>Header</b>
	Connector System	<b>Wire-to-Board</b>
Ejection Latches	<b>Without</b>	
<hr/>		
Configuration Features	Number of Positions	<b>34</b>
	Number of Rows	<b>2</b>
<hr/>		
Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
	Insulation Resistance (MΩ)	<b>1000 – 5000</b>
<hr/>		
Body Features	Post Size	<b>.64 mm [ .025 in ]</b>
	Header Type	<b>Pin Header</b>
	Daisy Chain	<b>With</b>
<hr/>		
Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Shape	<b>Square</b>
	Solder Tail Contact Plating Material	<b>Tin over Nickel</b>
	Contact Current Rating (A)	<b>1</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Mating Area Plating Thickness (µin)	<b>30</b>
	Contact Type	<b>Pin</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Termination Area Plating Thickness	<b>2.54 µm [ 100 µin ]</b>
<hr/>		
Termination Features	Termination Method to PC Board	<b>Through Hole</b>
	Termination Post Length	<b>2.6 mm [ .102 in ]</b>
<hr/>		
Mechanical Attachment	PCB Mount Retention	<b>Without</b>
	Mating Alignment Type	<b>Center</b>

Mating Connector Lock	<b>Without</b>
Mating Alignment	<b>With</b>
Polarization	<b>With</b>
Panel Mount Retention	<b>Without</b>
Mating Retention	<b>With</b>
PCB Mount Alignment	<b>Without</b>

Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Blue</b>
	Housing Style	<b>4-Sided</b>
	Housing Entry Style	<b>Top</b>
	Housing Material	<b>PBT</b>

Dimensions	Height	<b>8.89 mm [ .35 in ]</b>
	Length	<b>50.8 mm [ 2 in ]</b>
	Shrouded End Dimension	<b>3.81 mm [ .15 in ]</b>

Usage Conditions	Temperature Rating	<b>High</b>
	Operating Temperature Range (°C)	<b>-65 – 105</b>

Operation/Application	For Use With	<b>AMP-Latch Receptacle</b>
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Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
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Packaging Features	Packaging Method	<b>Package</b>
	Packaging Quantity	<b>50</b>

Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

<p><b>SURFACE MOUNT RESISTORS</b></p>  <p><b>RP 2A 75K 0.1% 15PPM</b></p>	<p><b>RECTANGULAR POWER CONNECTORS</b></p> 	<p><b>RIBBON CABLE CONNECTORS</b></p>  <p><b>IDC I/O LOW PRO HDR 24P</b></p>	<p><b>STANDARD CIRCULAR I/O CONNECTORS</b></p> 
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<p>CUT LENGTH RP73D2A75KBTG</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>micro mnl hdr assy s/row au lf 2-1445084-2</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>VERT BLUE 2-1761603-8</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>RECP ASSY DTS20W11-35SN</p> <p>Save to List</p> <p>Find Similar Products</p>
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Products - 10 Results

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Compare 0/10



Relation Type ▼

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		
	<p>Connectors - Ribbon Connector Accessories AMP-LATCH   AMP-LATCH - NOVO</p> <p><b>034 STRAIN RELIEF A-L RCPT - 499252-6</b></p> <p>TE INTERNAL NUMBER: 499252-6 ALIAS ID: 1108436, 2-42933-5038</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Accessory Type <b>Strain Relief</b></p>
	<p>Connectors - Ribbon Cable Connectors AMP-LATCH   AMP-LATCH - NOVO</p> <p><b>34 NOVO MIL 30DP, LEAD FREE - 1658623-8</b></p> <p>TE INTERNAL NUMBER: 1658623-8</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline <b>2.54 mm</b></p> <p>PCB Mount Retention <b>Without</b></p> <p>PCB Mounting Orientation <b>Vertical</b></p> <p>Termination Method to PC Board <b>Through Hole - Solder</b></p> <p>Termination Method to Wire/Cable <b>Insulation</b> <b>Displacement Crimp (IDC)</b></p>

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		
	<p>Connectors - Ribbon Cable Connectors AMP-LATCH   AMP-LATCH - NOVO</p> <p><b>34 NOVO MIL/CTR 15DP, LEAD FREE - 1658621-8</b></p> <p>TE INTERNAL NUMBER: 1658621-8</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline <b>2.54 mm</b></p> <p>PCB Mount Retention <b>Without</b></p> <p>PCB Mounting Orientation <b>Vertical</b></p> <p>Termination Method to PC Board <b>Through Hole - Solder</b></p> <p>Termination Method to</p>

termination method to  
Wire/Cable **Insulation**  
**Displacement Crimp (IDC)**

PRODUCT - MATING PRODUCTS



Connectors - Ribbon Connector Accessories  
AMP-LATCH | AMP-LATCH - NOVO  
**034 STRAIN RELIEF A-L  
RCPT - 499252-6**  
TE INTERNAL NUMBER: 499252-6  
ALIAS ID: 1108436, 2-42933-5038

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**



RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Ribbon Cable Connectors  
| AMP-LATCH - NOVO  
**622-3441LF=FSKT IDC S  
34 30AU - 2-1658527-8**  
TE INTERNAL NUMBER: 2-1658527-8  
ALIAS ID: CF4307-000, PER-2-1658527-8

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **34**

Connector Style **Receptacle**

